

Mining Claim Map Number G-2207

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STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Ministry of Northern Development and Mines does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey

1989: Sharron Lake Area, Ontario Geological Survey, Geological Data Inventory Folio 481, compiled by the staff of the Resident Geologist's office, Sioux Lookout.

Original Compilation by: Catherine Proctor

Date	Page(s) Revised	Revised by

Date	Page(s) Revised	Revised by

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CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	Multiplied by	Gives	Imperial Unit	Multiplied by	Gives
LENGTH					
1 mm	0.039 37	inches	1 inch	25.4	mm
1 cm	0.393 70	inches	1 inch	2.54	cm
1 m	3.280 84	feet	1 foot	0.304 8	m
1 m	0.049 709 7	chains	1 chain	20 116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	1.609 344	km
AREA					
1 cm ²	0.155 0	square inches	1 square inch	6.451 6	cm ²
1 m ²	10.763 9	square feet	1 square foot	0.092 903 04	m ²
1 km ²	0.386 10	square miles	1 square mile	2.589 988	km ²
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
VOLUME					
1 cm ³	0.061 02	cubic inches	1 cubic inch	16.387 084	cm ³
1 m ³	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m ³
1 m ³	1.308 0	cubic yards	1 cubic yard	0.764 555	m ³
CAPACITY					
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	4.546 090	L
MASS					
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	0.453 592 37	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
CONCENTRATION					
1 g t	0.029 166 6	ounce (troy)	1 ounce (troy)	34.285 714 2	g t
1 g t	0.583 333 33	ton (short)	1 ton (short)	1.714 285 7	g t
		pennyweights	1 pennyweight		
		ton (short)	ton (short)		

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy) ton (short)	20.0	pennyweights ton (short)
1 pennyweight ton (short)	0.05	ounce (troy) ton (short)

One gram (g) per tonne is equivalent to one part per million (1 ppm).

NOTE—Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

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ABBREVIATIONS LIST

A.F.R.O.	Assessment Files Research Office (Toronto)
Ann. Rept., (A.R.)	Annual Report
A.R.I.P.	Aggregate Resources Inventory Paper
Bull.	Bulletin
C.I.M.M.	Canadian Institute of Mining and Metallurgy
C.J.E.S.	Canadian Journal of Earth Sciences
C.M.J.	Canadian Mining Journal
Econ. Geol.	Economic Geology
E.M.R.	Department of Energy, Mines and Resources
E.P.B.	Earth Physics Branch
G.A.C.	Geological Association of Canada
GC	Geological Circular
GDIF	Geological Data Inventory Folio
Geol.	Geology
Geol. Soc. Amer. Bull.	Geological Society of America Bulletin
GR	Geoscience (Geological) Report
GSC	Geological Survey of Canada
I.L.S.G.	Institute on Lake Superior Geology
IMR	Industrial Mineral Report
I.O.C.	Report of the Iron Ore Committee (1923)
Jour. (or J)	Journal
MDC	Mineral Deposit Circular
M.D.I. (R)	Mineral Deposit Inventory (Record)
Mem	Memoir
MNDM	Ministry of Northern Development and Mines
MNR	Ministry of Natural Resources
M.P.	Miscellaneous Paper
MRC	Mineral Resources Circular
N.M.I.	National Mineral Inventory
NOEGTS	Northern Ontario Engineering Geology Terrain Study
NTS	National Topographic System
O.B.M.	Ontario Bureau of Mines
O.D.L.F.	Ontario Department of Lands and Forests
ODM	Ontario Department of Mines
ODMNA	Ontario Department of Mines and Northern Affairs
OFR	Open File Report
O.G.S.	Ontario Geological Survey
P.R.	Preliminary Report
Prelim. (or P)	Preliminary
R.C.	Royal Commission on Mineral Resources of Ontario (1890)
S.M.D.R.	Source Mineral Deposit Record
Sum. Rept.	Summary Report

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

SOURCES OF DATA		Data	Initial
1	Resident Geologist's Office Files	YES	CJP
2	Assessment Files Research Office, Toronto	AFRO	CJP
3	ODM General Index: 9 Volumes	YES	CJP
4	Catalogue of Airborne Geophysical Surveys (ODM)	NO	CJP
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	YES	CJP
6	ODM Industrial Mineral Reports	NO	CJP
7	Bibliography of Post Precambrian Thesis - Karrow (ODM MP 1)	NO	CJP
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	NO	CJP
9	Newspaper Clippings File	YES	CJP
10	GSC Index to Publications	YES	CJP
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	CJP
12	OGS Index Maps	YES	CJP
13	Source Mineral Deposit Records (O G S.)	YES	CJP
14	Author - Subject Articles File	NO	CJP
15	Miscellaneous Papers ODM & OGS	YES	CJP
16	ODM Geological Circulars OGS Study Series	NO	CJP
17	ODM Preliminary Reports, ODM Bulletins	YES	CJP
18	ODM - OGS Open File Reports	YES	CJP
19	OGS Northern Ontario Engineering Geology Terrain Studies	NO	CJP
20	OGS Aggregate Resources Inventory Papers	NO	CJP
21	OGS Mineral Potential Maps	YES	CJP
22	Drill Core Library Catalogue	NO	CJP
23	Unpublished These	NO	CJP
24	Aerial Photographs	YES	CJP

METALS AND MINERALS REFERENCES LIST

△ anh	 Anhydrite	△ fu	 Fuchsite	△ Ni	 Nickel	△ st	 Stone
△ ank	 Ankerite	△ gn	 Galena	△ Nb	 Niobium	△ s	 Sulphides
△ anna	 Annabergite	△ gl	 Garnet	△ Pd	 Palladium	△ talc	 Talc
△ ap	 Apatite	△ goe	 Goethite	△ peat	 Peat	△ Te	 Tellurium
△ arg	 Argentite	△ Au	 Gold	△ pent	 Pentlandite	△ td	 Tetrahedrite
△ As	 Arsenic	△ gl	 Graphite	△ Pt	 Platinum	△ th	 Thorite
△ asp	 Arsenopyrite	△ gl	 Gravel	△ py	 Pyrite	△ Th	 Thorium
△ asb	 Asbestos	△ gyp	 Gypsum	△ pyl	 Pyrochlore	△ thuc	 Thucholite
△ ba	 Barite	△ hem	 Hematite	△ pyrl	 Pyrolusite	△ ti	 Titanite
△ be	 Beryl	△ il	 Ilmenite	△ po	 Pyrrhotite	△ Ti	 Titanium
△ Bi	 Bismuth	△ Fe	 Iron	△ q	 Quartz	△ tour	 Tourmaline
△ bn	 Bornite	△ IF	 Iron Formation	△ qcv	 Quartz carbonate vein	△ trap	 Trap rock
△ bran	 Brannerite	△ jas	 Jasper	△ ra	 Radioactive minerals	△ W	 Tungsten
△ bruc	 Brucite	△ kaol	 Kaolinite (kaolin)	△ RE	 Rare Earths	△ uran	 Uraninite
△ Cd	 Cadmium	△ ky	 Kyanite	△ sd	 Sand	△ U	 Uranium
△ calc	 Calcite	△ Pb	 Lead	△ sgl	 Sand and gravel	△ verm	 Vermiculite
△ carb	 Carbonate	△ lim	 Limonite	△ ss	 Sandstone	△ Y	 Yttrium
△ cel	 Celestite	△ Li	 Lithium	△ scap	 Scapolite	△ Zn	 Zinc
△ cc	 Chalcocite	△ mgst	 Magnesite	△ shee	 Scheelite	△ zr	 Zircon
△ cp	 Chalcocopyrite	△ mag	 Magnetite	△ serp	 Serpentine		
△ ch	 Chert	△ mc	 Malachite	△ sh	 Shale		
△ clay	 Clay	△ Mn	 Manganese	△ sid	 Siderite		
△ Co	 Cobalt	△ mb	 Marble	△ si	 Silica		
△ cob	 Cobaltite	△ mar	 Marcasite	△ Ag	 Silver		
△ cb	 Columbite	△ ma	 Marl	△ sl	 Slate		
△ Cu	 Copper	△ mi	 Mica	△ sm	 Smaltite		
△ cor	 Corundum	△ ml	 Millerite	△ sod	 Sodalite		
△ dol	 Dolomite	△ mo	 Molybdenite	△ spec	 Specularite		
△ ep	 Epidote	△ Mo	 Molybdenum	△ sp	 Sphalerite		
△ ery	 Erythrite	△ mon	 Monazite	△ spd	 Spodumene		
△ fel	 Feldspar	△ ne	 Nephelite (nepheline)	△ staur	 Staurolite		
△ fl	 Fluorite (fluorspar)	△ nc	 Niccolite	△ stib	 Stibnite		

▲ Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES			Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Map Ref Letter	(see Exploration Data Map) Name(s)	Mineralization			
A	ROSNEL (Thompson Occurrence)	Ag Au	02322		Raw Prospect O.G.S. Map P.2232 AFRO-Sharron Lake Area-DHR 11, DHR 15, DHR 16, DHR 18 AFRO 1970 #2.221 AFRO 1980 #2.3869 -best assays 0.27 oz/ton Au and 3.57 oz/ton Ag across 2.2'
B	FLOREGOLD (McDougall Mills) (Moretti, R.)	Au	01823	M.R.C. 13 p. 245	Raw Prospect P.R. 1951-1 p. 10 N.M.I. FILE 52J/04E30 AFRO 1955 #63.3555 AFRO 1980 #2.3869 -best assays from 0.41 to 0.67 oz/ton across 2.8'
C	RICHARDS	Au Ag Pb	01923		Raw Prospect O.G.S. Map P.2232 AFRO 1951 #63A.113 AFRO 1963 #63A.422 AFRO 1980 #2.3869

MINERAL OCCURRENCES			Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Map Ref. Letter	(see Exploration Data Map) Name(s)	Mineralization			
D	CLAMSHELL LAKE	Au			AFRO 1963, Sharron Lake Area DHR 10 -best assays 0.24 oz/ton Au across 2.0' to 2.50 oz/ton Au across 1.2' Resident Geologist Office Occurrence Files -Mineral Resources Branch

TYPE OF WORK			Numbers below represent the year in which the work was done; e.g., 68 for 1968																	
(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE			GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY		
Rel. No on Map	COMPANY/AUTHOR (file number)																			
1	CANADIAN GOLD AND METALS (52J/04SE-0016)									81										
2	BANKFIELD CONSOLIDATED (52J/04NE-0010-A1)				63	63														
3	NEW INSCO MINES L. (52J/04NE-0010-D1)				75															
4	KERR ADDISON MINES L. (52J/04NE-0011-A1)				69	69														
5	GOLDEN PHOENIX CONSOLIDATED (52J/04NE-0011-B1)				73															
6	THOMPSON, W.H. (52J/04NE-0011-C1)				64-73															
7	AURALEE GOLD MINES (52J/04NE-0012)				47															
8	CANADIAN GOLD RESOURCES (52J/04NE-0013-A1)				80	80														
9	CANADIAN GOLD RESOURCES (52J/04NE-0013-C1)				80	80														

TYPE OF WORK

(see files Index Map)
EXPLORATION DATA
filed at the
RESIDENT GEOLOGIST'S OFFICE

Rel.
No
on
Map

COMPANY/AUTHOR
(file number)

1 CANADIAN GOLD AND METALS
(52J/04SE-0016)

2 BANKFIELD CONSOLIDATED
(52J/04NE-0010-A1)

3 NEW INSCO MINES L.
(52J/04NE-0010-D1)

4 KERR ADDISON MINES L.
(52J/04NE-0011-A1)

5 GOLDEN PHOENIX CONSOLIDATED
(52J/04NE-0011-B1)

6 THOMPSON, W.H.
(52J/04NE-0011-C1)

7 AURALEE GOLD MINES
(52J/04NE-0012)

8 CANADIAN GOLD RESOURCES
(52J/04NE-0013-A1)

9 CANADIAN GOLD RESOURCES
(52J/04NE-0013-C1)

Numbers below represent the year in which the work was done; e.g., 68 for 1968

AIRBORNE
MAGNETOMETER

AIRBORNE
ELECTROMAGNETIC

AIRBORNE
RADIOMETRIC

GROUND
MAGNETOMETER

GROUND
ELECTROMAGNETIC

GROUND
RADIOMETRIC

INDUCED
POLARIZATION

SELF POTENTIAL

RESISTIVITY

TYPE OF WORK			Numbers below represent the year in which the work was done; e.g., 68 for 1968																
(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE			GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIO-METRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIO-METRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY	
Ref. No. on map	COMPANY/AUTHOR (file number)																		
10	CANADIAN GOLD RESOURCES (52J/04NE-0013-D1)					81	81												
11	ASARCO EXPL. CO. OF CANADA (52J/04NE-0014-A1)				71														
12	BOTHAM, J. (52J/04NE-0014-B1)				68	68													
13	MARTIN GROUP (52J/04NE-0014-C1)				57														
14	ASARCO EXPL. CO. OF CANADA (52J/04NE-0015-A1)												71	71					
15	BERGMAN, H.J. (52J/04NE-0015-B1)	51				51			51										
16	BANKFIELD CONSOLIDATED (52J/04NE-0016-A1)	63				63			63										
17	ASARCO EXPL. CO. OF CANADA (52J/04NE-0016-B1)	71																	
18	CONSOLIDATED BELLEKENO (52J/04NE-0017)	63					63						63	63					

Numbers below represent the year in which the work was done; e.g., 68 for 1968

EXPLORATION DATA

filed at the

RESIDENT GEOLOGIST'S OFFICE

COMPANY/AUTHOR
(file number)

ASARCO EXPL. CO. OF CANADA
(52J/04NE-0018)

FLOREGOLD RED LAKE
(52J/04NE-0019)

ASARCO EXPL. CO. OF CANADA
(52J/04NE-0020-A1)

MORETTI, R.
(52J/04NE-0020-B1)

KNAPPETT, R.
SUNEVA RESOURCES L.
(52J/04NE-0021)

PETRUNK, D.F.
(52J/04NE-0022-A1)

PETRUNKA, D.F.
(52J/04NE-0022-B1)

PETRUNKA, D.F.
(52J/04NE-0022-C1)

GEOLOGICAL

70

86

ASSAY DATA

DRILLING

TRENCHING.
STRIPPING.

GEOCHEMICAL

UNDERGROUND WORK

PROSPECTUS, NOTES, CORRESPONDENCE

AIRBORNE
MAGNETOMETER

AIRBORNE
ELECTROMAGNETIC

AIRBORNE
RADIO-METRIC

GROUND
MAGNETOMETER

GROUND
ELECTROMAGNETIC

GROUND
RADIOMETRICINDUCED
POLARIZATION

SELF POTENTIAL

RESISTIVITY

SHARRON LAKE

DRILLHOLE SUMMARY		Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
Drilling Location Number on Map	(see Exploration Data Map) Company Name								
1	BANKFIELD CONSOLIDATED MINES	1	1963	190	-47	11.5	113.0	py	Au
2		2	1963	190	-45	8.0	100.4	py, cp	Au
3		3	1963	190	-45	10.0	100.0	py, mar	Au
4		4	1963	340	-45	5.0	101.0	py, cp, gn	Au
4		5	1963	18	-45	5.5	103.0	py, cp, gn	Au
4		6	1963	20	-45	13.0	126.0	py, cp, hem	Au
4		7	1963	19	-45	12.0	121.0	py, cp, hem	Au
5		8	1963	19	-45	10.0	137.0	py, cp	Au
6		9	1963	199	-45	5.0	113.0	py, cp	Au
7	NEW INSCO MINES LTD. (W.M. Thompson)	R75-1	1975	125	-60	7.0	259.0	cp, py, sp	
8		R75-2	1975	125	-60	3.0	303.0	py, cp	
9		R75-3	1975	125	-60	34.5	304.0	py, cp	
10		R75-4	1975	125	-60	--	257.0	py	
11	KERR ADDISON MINES	R75-5	1975	125	-60	7.0	381.0	py, cp, Fe	
12		A-16	1969	180	-45	11.5	175.0	py, po	Au Cu Ag
13	GOLDEN PHOENIX CONS.	GP-1	1973	315	-45	0.0	102.0	py	
13		GP-2	1973	350	-45	0.0	103.0		Au
14	THOMPSON, W.H.	64-1	1964	310	-50	8.0	72.0	py, cp, gn	

— indicates core stored at Drill Core Library

DRILLHOLE SUMMARY		Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Drilling Location Number on Map	(see Exploration Data Map) Company Name								
14	THOMPSON, W. H.	64-2	1964	310	-50	10.0	53.0	py	--
15		65-1	1965	303	-40	8.0	152.0	py, po, cp, gn	--
15		65-2	1965	303	-40	9.7	165.5	py, po, cp	--
15	CANADIAN GOLD RECOVERY INCORPORATED	CG 80-1	1980	145	-45	13.0	277.0	py	Au, Ag
15		CG 80-2	1980	145	-45	39.5	276.0	py	Au, Ag
15		CG 80-3	1980	145	-45	38.5	280.0	cp	Au, Ag
16	THOMPSON, W. H.	R-1	1971	114	-45	20.0	195.0	py, cp	--
17		R-2	1971	114	-45	3.0	198.0	py, cp, nc	--
18		1-72	1972	345	-45	54.0	101.0	--	--
19		1-73	1973	15	-45	14.0	151.0	py	--
19		2-73	1973	15	-55	11.0	152.0	py	--
20		3-73	1973	345	-45	14.0	130.0	--	--
21		4-73	1973	345	-45	50.0	214.0	py	--
22	AURALEE GOLD MINES	1	1947	--	-55	27.2	205.0	py, cp, Au	Au
22		2	1947	--	-40	22.0	202.0	cp, py	--
22		3	1947	--	-55	26.0	200.0	py	--
22		4	1947	--	-40	20.0	200.0	py	--

— indicates core stored at Drill Core Library

DRILLHOLE SUMMARY		Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Drilling Location Number on Map	(see Exploration Data Map) Company Name								
22	AURALEE GOLD MINES	5	1947	--	-55	26.0	200.0	py	--
22		6	1947	--	--	7.0	200.0	--	--
22		7	1947	--	-40	26.0	200.0	py	--
22		8	1947	--	-40	25.0	200.0	--	--
23	CANADIAN GOLD RECOVERY INCORPORATED	CG 80-4	1980	145	-45	87.5	277.5	py	Au, Ag
23		CG 80-5	1980	145	-45	2.0	358.0	py	Au, Ag
23		CG 80-6	1980	145	-45	10.0	247.0	py, cp	Au, Ag
23	(This hole was deepened from a previous hole)	CG 80-6	1980	145	-45	247.0	352.0	py	Au, Ag
23		CG 80-7	1980	145	-45	2.0	283.0	py	Au, Ag
23		CG 80-8	1980	145	-45	1.0	282.0	py	Au, Ag
24		G 80-N1	1980	132	-45	18.1	239.0	py	Au, Ag
25		CG 81-1	1981	145	-45	65.0	396.0	po, cp, py	Au, Ag
26		CG 81-2	1981	145	-45	3.0	487.0	py, po	Au, Ag
27		CG 81-3	1981	145	-45	2.0	700.0	po, py, cp	Au, Ag
28		CG 81-4	1981	145	-45	10.0	305.0	py	Au, Ag
29		CG 81-5	1981	145	-45	5.0	496.0	py, po, cp	Au, Ag

— indicates core stored at Drill Core Library

DRILLHOLE SUMMARY										
Drilling Location Number on Map	(see Exploration Data Map) Company Name		Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
30	BOTHAM, J.		1	1968	330	-45	53.0	103.0	py, po	Au, Ag
31	MARTIN GROUP		1	1957	360	-45	36.0	36.0	no bedrock encountered	
31			1a	1957	360	-55	30.0	30.0	no bedrock encountered	
31			2	1957	360	-45	45.0	30.0	no bedrock encountered	
31			2a	1957	360	-45	30.0	30.0	no bedrock encountered	

indicates core stored at Drill Core Library

— indicates core stored at Drill Core Library

AIRBORNE GEOPHYSICAL SURVEY DATA			Flight Line Spacing	Flight Line Direction	Flight Altitude
Number on File Index Map	by — for — year	Type of Survey			
1	BY: QUESTOR SURVEYS FOR: CANADIAN GOLD AND METAL YEAR: 1981	MAGNETOMETER SURVEY	122m	S pattern	200m

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA (see Exploration Data Map)		By	Reference
	Type of Survey	Analysis For		
23	SOIL AND ROCK	Au Ag	SUNEVA RESOURCES KNAPPAT, R.	(52J/04NE-0021)

GEOCHRONOLOGY DATA - AGE DATING

Site	Method	Material	Reference	Result
	NO DATA AS OF JULY 1988			

SHARRON LAKE

AERIAL PHOTOS; MOSAICS; IMAGERY

The following items are available for inspection at the Resident Geologist's office:

(a) Aerial Photographs:

<u>AREA</u>	<u>LINE</u>	<u>PHOTO#</u>	<u>YEAR</u>	<u>SCALE</u>
ZARN LAKE	2-5005	38-49	1975	1"=1/4 mile

(b) Photomosaics:

(c) Satellite Imagery:

TOPOGRAPHIC MAPS (selected)

scale	year	name and/or number	by
1:250,000	1978	SHARON LAKE	SURVEYS AND MAPPING BRANCH, DEPT. OF ENERGY, MINES AND RESOURCES
1:100,000	1979	MARCHINGTON LAKE	SURVEYS AND MAPPING BRANCH, MINISTRY OF NATURAL RESOURCES

SHARRON LAKE

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

COMPANY	NEWSPAPER	DATE	PAGE
CANADIAN GOLD RESOURCES MINING CORPORATION	NORTHERN MINER ———	Feb 12/81 Sept 25/41 Sept 4/41	

ODM GENERAL INDEX SEARCH

Words searched: STRANGER LAKE, MARCHINGTON LAKE, CLAMSHELL LAKE, BOTSFORD
LAKE, ROSNEL, MCDOUGALL MILLS, STURGEON RIVER.

Index Volume	Listing:	Report Volume	Part	Page
III	GEOLOGY OF THE SUPERIOR JUNCTION-STURGEON LAKE AREA	XLVI	VI	1-25
III	GEOLOGY OF THE SIOUX LOOKOUT AREA	XLI	VI	1-33

SHARRON LAKE

SELECTED REFERENCES			Reference	Map Scales and/or Report Pages
Author	Date	Title		
ODM	1931	SIOUX LOOKOUT AREA, MAP 41h, DISTRICT OF KENORA. ACCOMPANIES REPORT BY M.E. HURST	MAP 41h	1"=1½ miles 1:95,040
ODM	1937	SUPERIOR JUNCTION-STURGEON LAKE AREA, DISTRICT OF KENORA, ACCOMPANIES REPORT BY H.C. HORWOOD	MAP 46d	1"=2 miles 1:126,720
ODM	1937	ALCONA-SPLIT LAKE AREA, DISTRICT OF KENORA, ONTARIO, TO ACCOMPANY REPORT BY H.C. HORWOOD	MAP 46e	1"=3¼ miles 1:47,520
ODM	1968	SIOUX LOOKOUT-ARMSTRONG SHEET GEOLOGICAL COMPILATION SERIES, KENORA AND THUNDER BAY DISTRICTS	MAP 2169	1"=4 miles 1:253,440
ODM	1970	ONTARIO GEOLOGICAL MAP WEST CENTRAL SHEET	MAP 2199	1"=16 miles 1:1,013,760
OGS	1979	SIOUX LOOKOUT-ARMSTRONG GEOLOGICAL COMPILATION SERIES, KENORA AND THUNDER BAY DISTRICTS	MAP 2442	1"= 4 miles 1:253,440
ODM	1966	MINNETAKI-STURGEON LAKES SHEET, PRELIMINARY GEOLOGICAL MAP P. 353, DISTRICTS OF KENORA AND THUNDER BAY	P. 353	1"=2 miles
ROBERSTON, JAMES A VOS, M.A. SPRINGER, JANET S.	1976	MINERAL POTENTIAL MAP OF ONTARIO 1976, WEST CENTRAL SHEET, ODM P.1098, MINERAL DEPOSITS SERIES	P.1098	1"=16 miles 1:1,013,760
GORDON, J.B.	1977	GOLD DEPOSITS OF ONTARIO, WEST CENTRAL SHEET, DISTRICT OF KENORA (PATRICIA PORTION), OGS PRELIMINARY MAP P.1227, MINERAL DEPOSITS SERIES	P.1227	1"=16 miles 1:1,013,760
SPRINGER, JANET	1978	ONTARIO MINERAL POTENTIAL SIOUX LOOKOUT SHEET, DISTRICT OF KENORA AND THUNDER BAY, OGS PRELIMINARY MAP P.1537, MINERAL DEPOSITS SERIES	P.1537	1:250,000

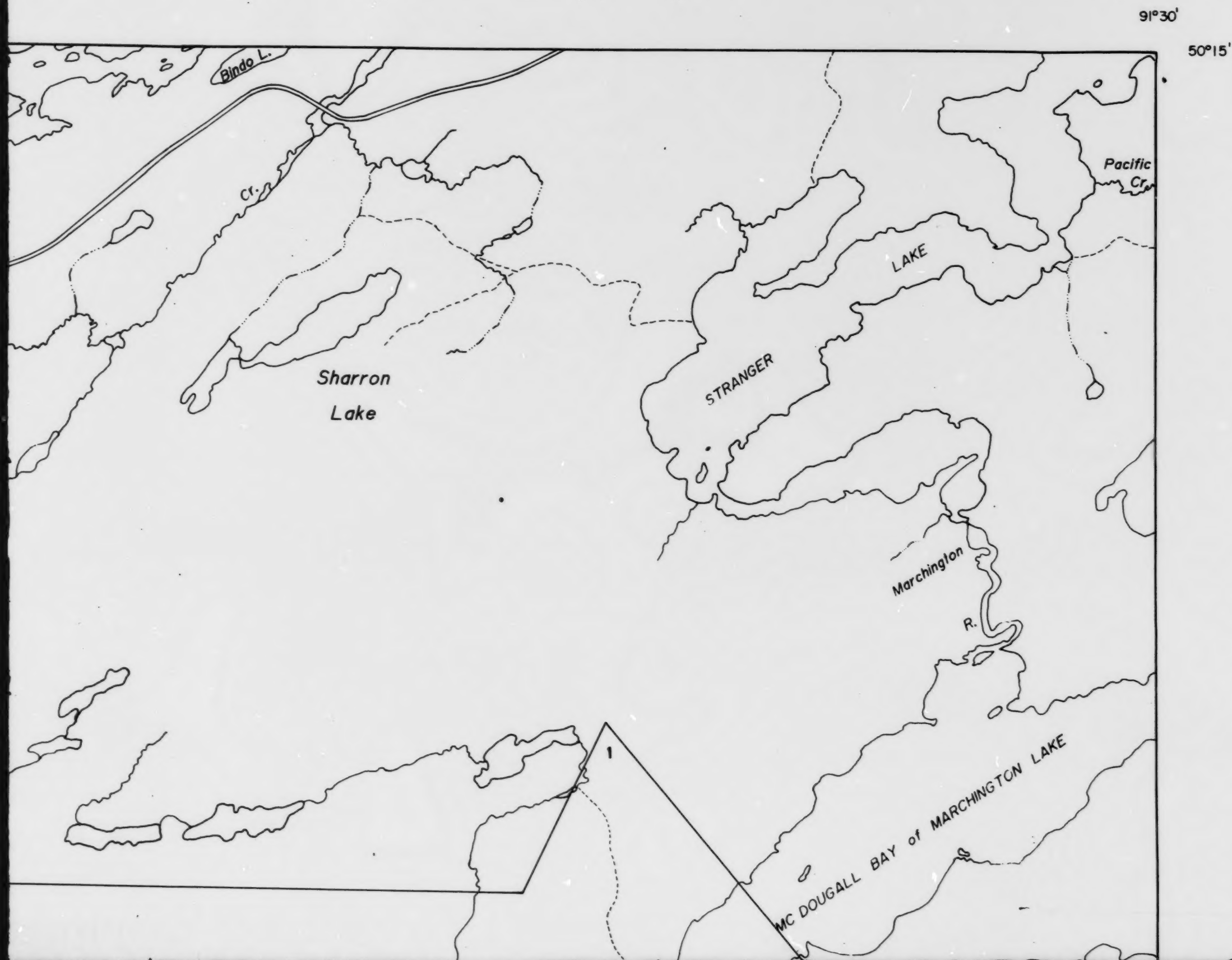
SELECTED REFERENCES			Reference	Map Scales and/or Report Pages
Author	Date	Title		
PAGE, R.O. MOLLER, E.B.	1979	ZARN LAKE AREA (NORTHERN PART) DISTRICT OF KENORA, OGS PRELIMINARY MAP P. 2232, GEOLOGICAL SERIES	P. 2232	1"=1/4 miles 1:15,840
BREAKS, F.W. BOND, W.D. STONE, D.	1981	PRECAMBRIAN GEOLOGY OF THE ENGLISH RIVER-MARCHINGTON LAKE AREA, KENORA DISTRICT (PATRICIA PORTION), OGS PRELIMINARY MAP P.2293, GEOLOGICAL SERIES	P. 2293	1"=1 mile 1:63,360
SPEED, A.A. MAXWELL, G.J.	1980	SHARRON LAKE AREA, DISTRICT OF KENORA (PATRICIA PORTION), OGS PRELIMINARY MAP P.2326, SIOUX LOOKOUT DATA SERIES	P. 2326	1"=1/4 miles 1:15,840
ODM	1961	GEOPHYSICS PAPER 1138G, SIOUX LOOKOUT ONTARIO, SHEET 52J/4	GEOPHYSICS PAPER 1138G	1"=1 mile 1:63,360
OGS	1982	AIRBORNE ELECTROMAGNETIC AND TOTAL INTENSITY MAGNETIC SURVEY, SIOUX LOOKOUT AREA, DISTRICT OF KENORA, GEOPHYSICAL/GEOCHEMICAL SERIES MAP 80553 and 80554	MAP 80553 80554	1:20,000
ODM-GSC	1976	AIRBORNE GAMMA-RAY SPECTROMETRY SURVEY, POTASSIUM & CONTOURS, SIOUX LOOKOUT SHEET, DISTRICTS OF KENORA AND THUNDER BAY, ODM PRELIMINARY MAP P.1114 to 1118 GEOPHYSICAL SERIES	P.1114- 1118	1"=4 miles 1:250,000
CHISHOLM, E.O.	1951	RECENT ACTIVITIES IN THE SIOUX LOOKOUT AREA	P.R. 1951-1	p. 131-141
OGS	1985	PEAT AND PEATLAND EVALUATION OF THE SIOUX LOOKOUT AREA, OPEN FILE REPORT 5543, 4 VOLUMES 275p.	O.F.R. 5543	
RINGROSE, SUSAN MOGILLIVARY, PETER	1981	AGGREGATE RESOURCES OF THE SIOUX LOOKOUT AREA, OGS, OPEN FILE REPORT 5362, PART 1, 67 p.	O.F.R. 5362	
TROWELL, N.F. BARTLETT, J.R. SUTCLIFFE, R.H.	1980	GEOLOGY OF THE FLYING LOON LAKE AREA, DISTRICT OF KENORA, OGS OPEN FILE REPORT 5297, 97p.	O.F.R. 5297	

SELECTED REFERENCES		Date	Reference	Map Scales and/or Report Pages
Author	Title			
FERGUSON, S.A. GROEN, H.A. HAYNES, R.	GOLD DEPOSITS OF ONTARIO: PART 1, DISTRICTS OF ALGOMA, COCHRANE, KENORA, RAINY RIVER, AND THUNDER BAY, ODM MINERAL RESOURCES CIRCULAR 13, 315p.	1971	M.R.C. 13	p. 245
BREAKS, F.W. BOND, W.D.	ENGLISH RIVER SUBPROVINCE (MARCHINGTON LAKE AREA) DISTRICT OF KENORA, p. 18-28 IN SUMMARY OF FIELD WORK, 1977, BY THE GEOLOGICAL BRANCH, OGS, MP 75, 208p.	1977	MP 75	p. 18-28
TROWELL, N.F. BLACKBURN, C.E. EDWARDS, G. SUTCLIFFE, R.H.	SAVANT LAKE-CROW LAKE SPECIAL PROJECT, p. 29-50 IN SUMMARY OF FIELD WORK, 1977, BY THE GEOLOGICAL BRANCH OGS, MP 75, 208p.	1977	MP 75	p. 29-50
PAGE, R.O.	ZARN LAKE AREA, DISTRICT OF KENORA, p. 45-48 IN SUMMARY OF FIELD WORK, 1978, BY THE OGS, MP 82, 235p.	1978	MP 82	p. 45-48
TROWELL, N.F. BLACKBURN, C.E. EDWARDS, G.R.	PRELIMINARY GEOLOGICAL SYNTHESIS OF THE SAVANT LAKE-CROW LAKE METAVOLCANIC-METASEDIMENTARY BELT, NORTH-WESTERN ONTARIO AND ITS BEARING UPON MINERAL EXPLORATION, OGS MP 89, 30p.	1980	MP 89	
GSC	KENORA SHEET, ONTARIO	1939	266A	1"=8 miles 1:506,880

91°45'

50°15'





Ministry of
Northern Development
and Mines

Mines and
Minerals
Division

ONTARIO GEOLOGICAL SURVEY

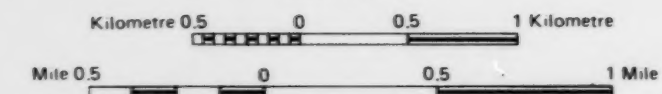
PROPERTY LOCATION MAP

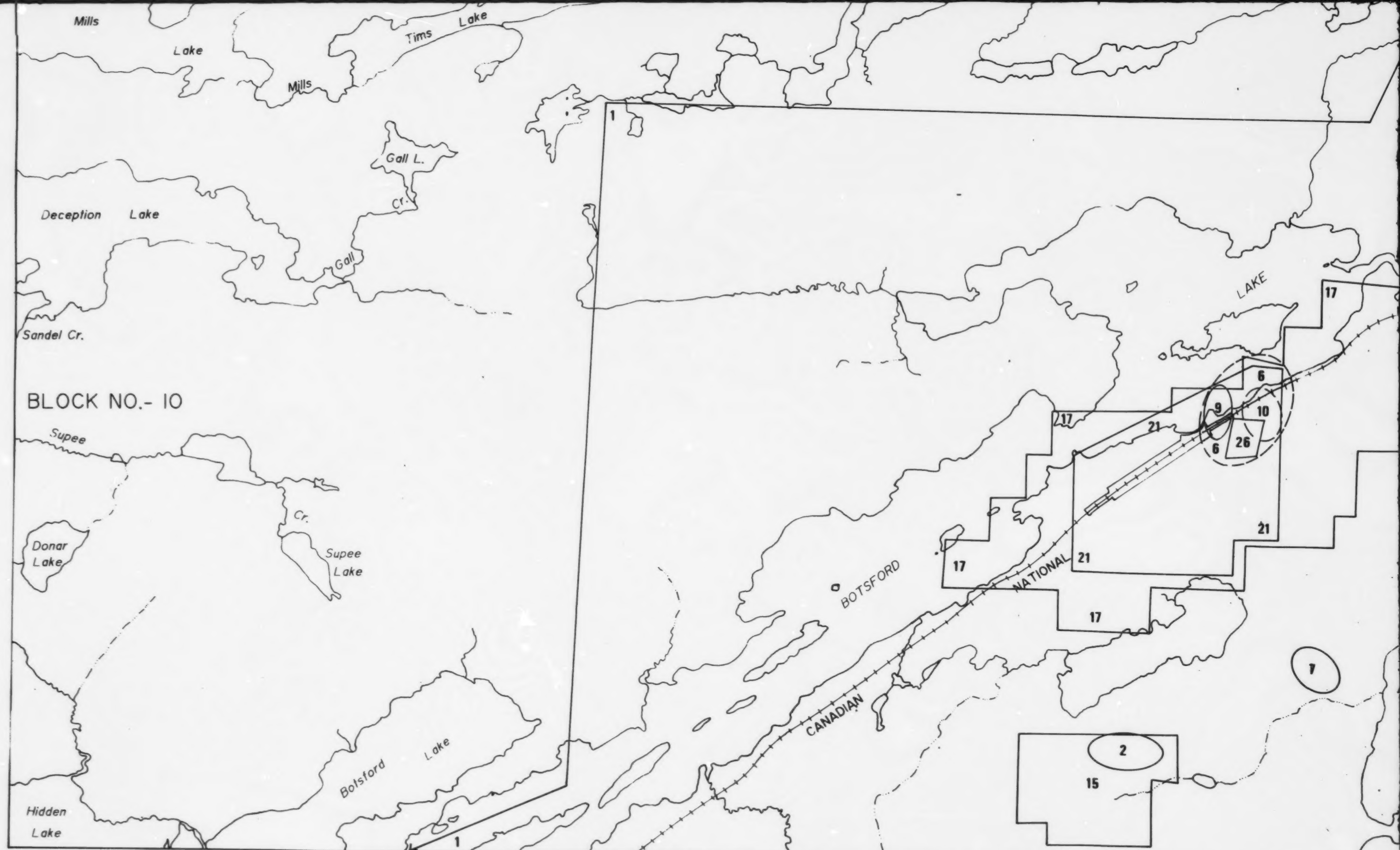
GEOLOGICAL DATA INVENTORY FOLIO 481

(Map 1 of 3)

SHARRON LAKE AREA

Scale 1:31 680

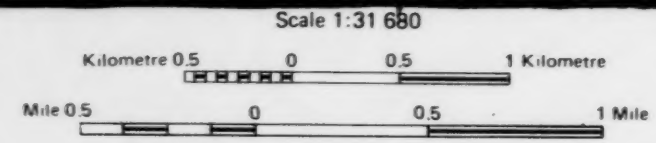
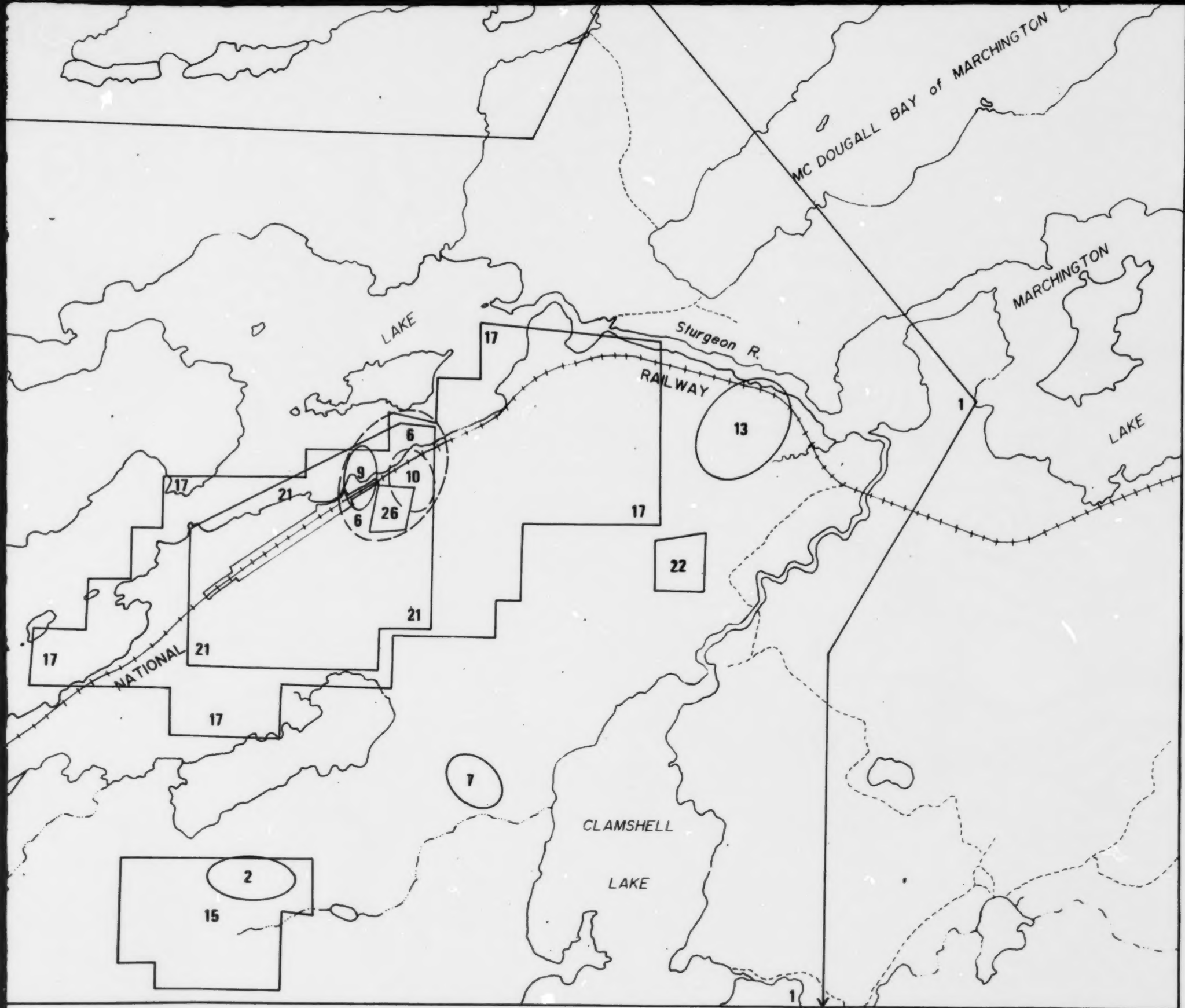




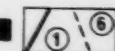
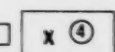
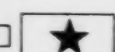
BLOCK NO.- 10

50°07'30"

91°45'

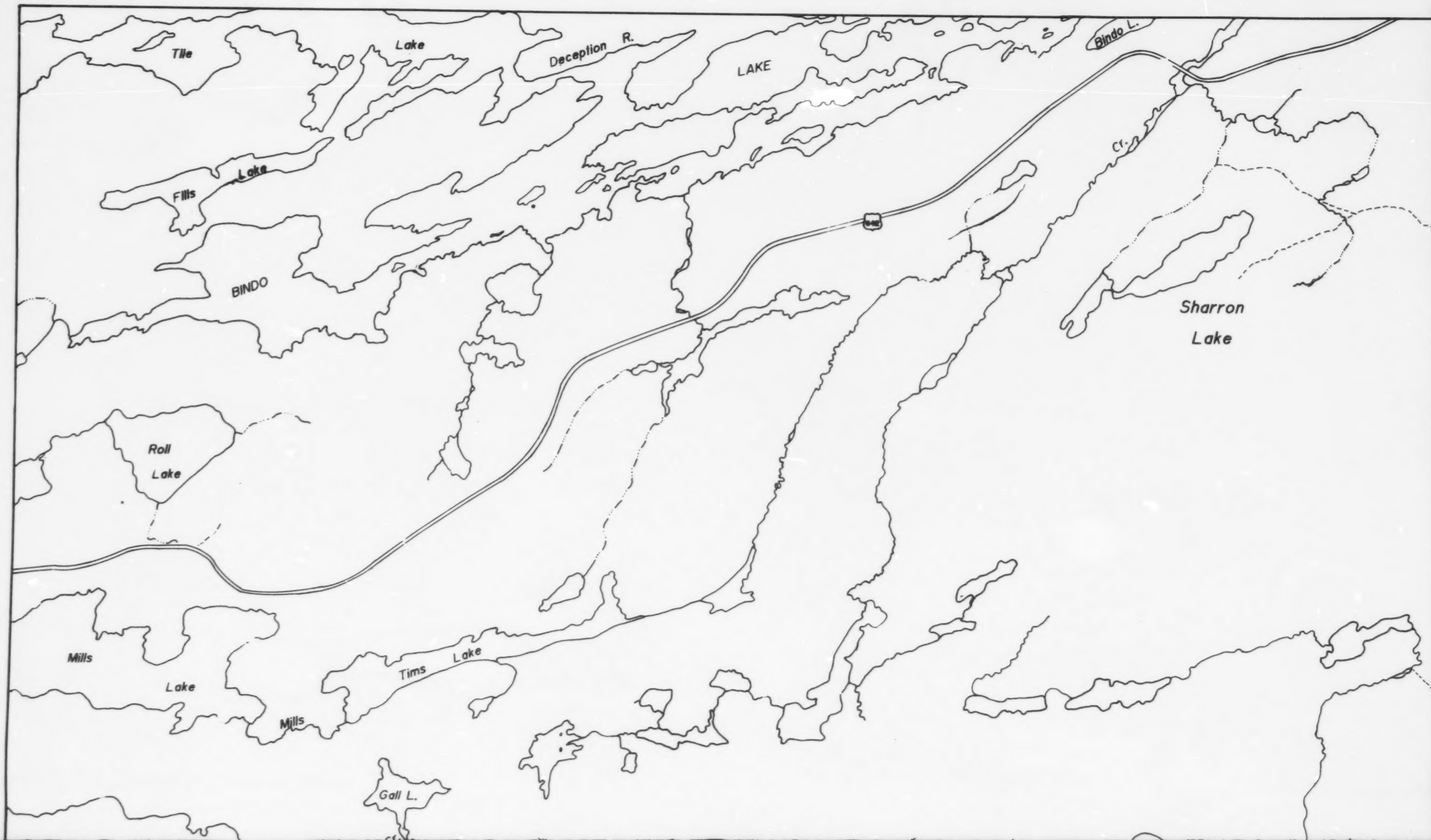


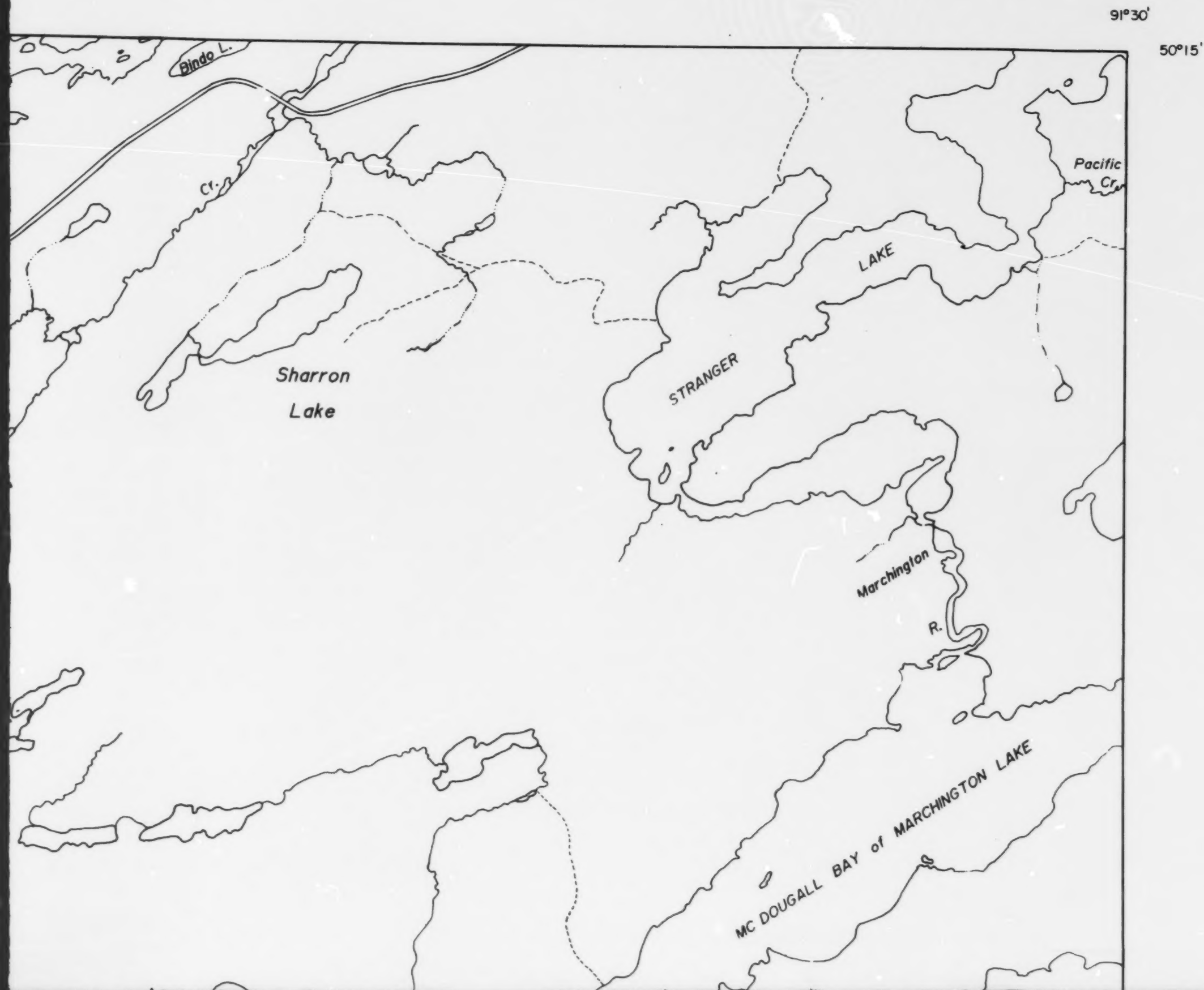
EXPLORATION DATA FILE AREAS

-  Reference number is always inside work area outlined. See listing in text pages.
-  Small area of exploration
-  File covers whole township or area

91°45'

50°15'





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Minerals
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ONTARIO GEOLOGICAL SURVEY

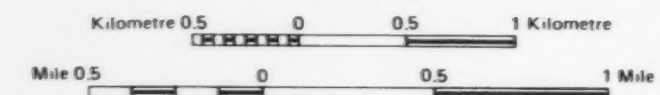
PROPERTY LOCATION MAP

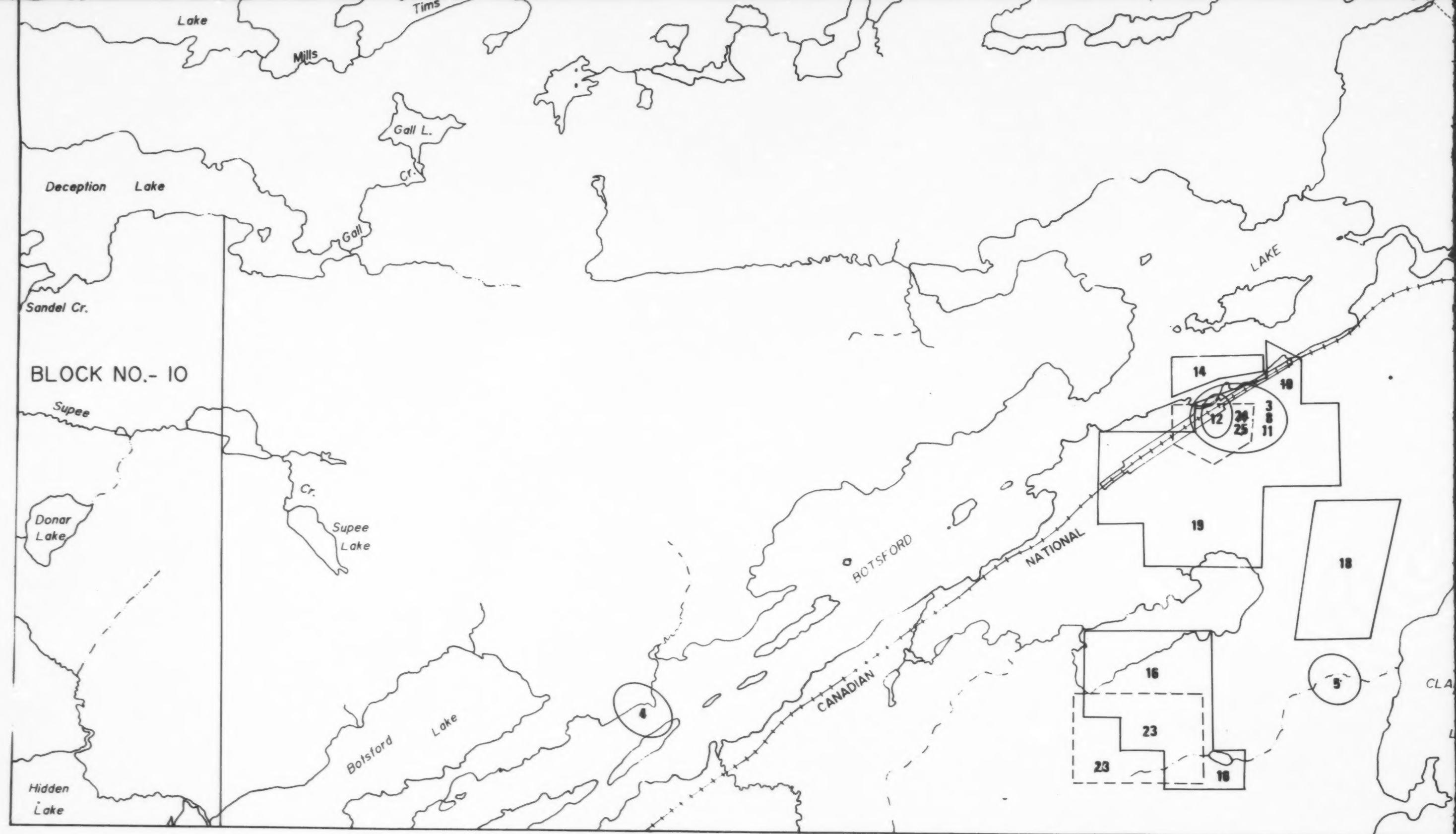
GEOLOGICAL DATA INVENTORY FOLIO 481

(Map 2 of 3)

SHARRON LAKE AREA

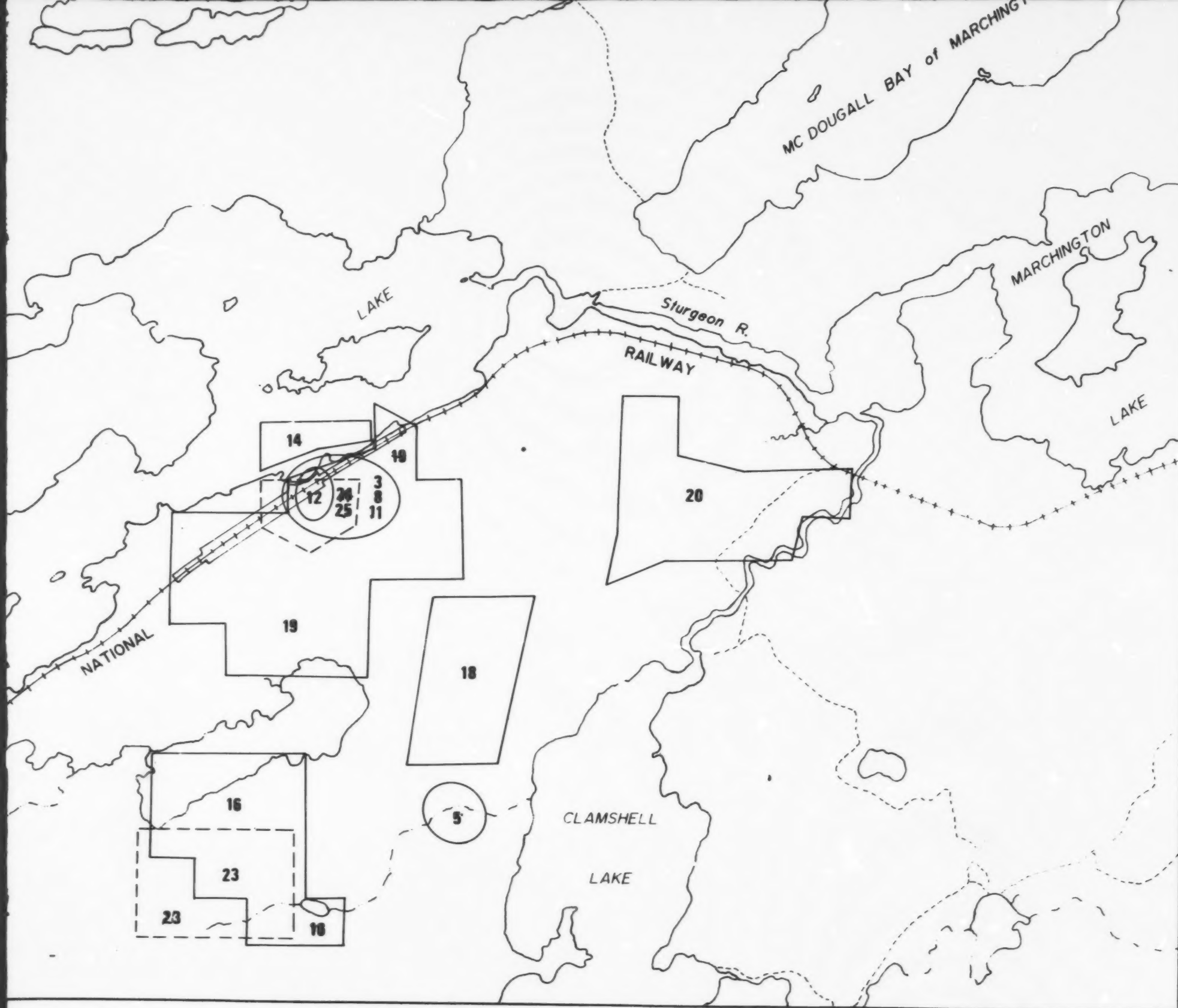
Scale 1:31 680





50°07'30"

91°45'



EXPLORATION DATA FILE AREAS

- Reference number is always inside work area outlined. See listing in text pages.
- Small area of exploration
- File covers whole township or area

50°07'30"

91° 30'

TYPES OF DATA SHOWN ON THIS MAP

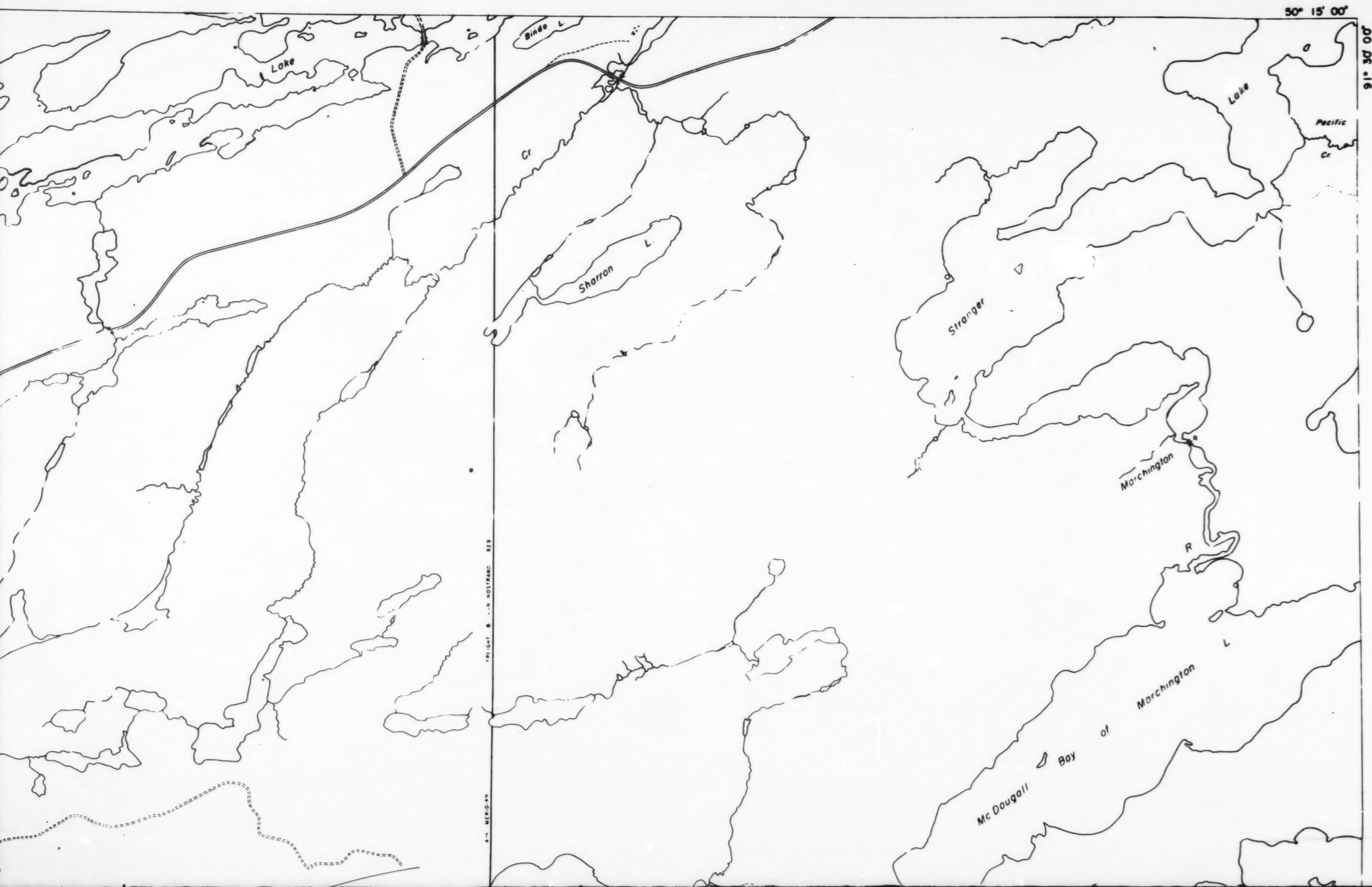
GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- ☐  Geochemical sample site, with reference number
- ☒  Area of geochemical sampling, with reference number
- ☐  Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- ☒  Airborne magnetic anomaly
- ☐  Airborne electromagnetic anomaly
Length of anomaly along flight line
- ☒  Airborne electromagnetic anomaly
Location of anomaly along flight line
- ☐  Airborne electromagnetic anomaly
Conductor axis: definite, probable, possible
- ☐  Airborne radiometric anomaly
- ☒  Ground magnetic anomaly
- ☒  Ground electromagnetic anomaly
(VL - Vertical loop; HL - Horizontal loop
VLF - Very low freq.; Turam; JEM -
Crone Em - 16)
- ☐  Ground radiometric anomaly

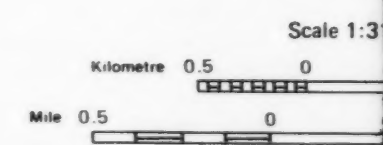





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ONTARIO GEOLOGICAL
 SURVEY
 EXPLORATION
 GEOLOGICAL DATA IN
 (Map)

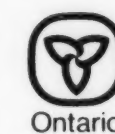
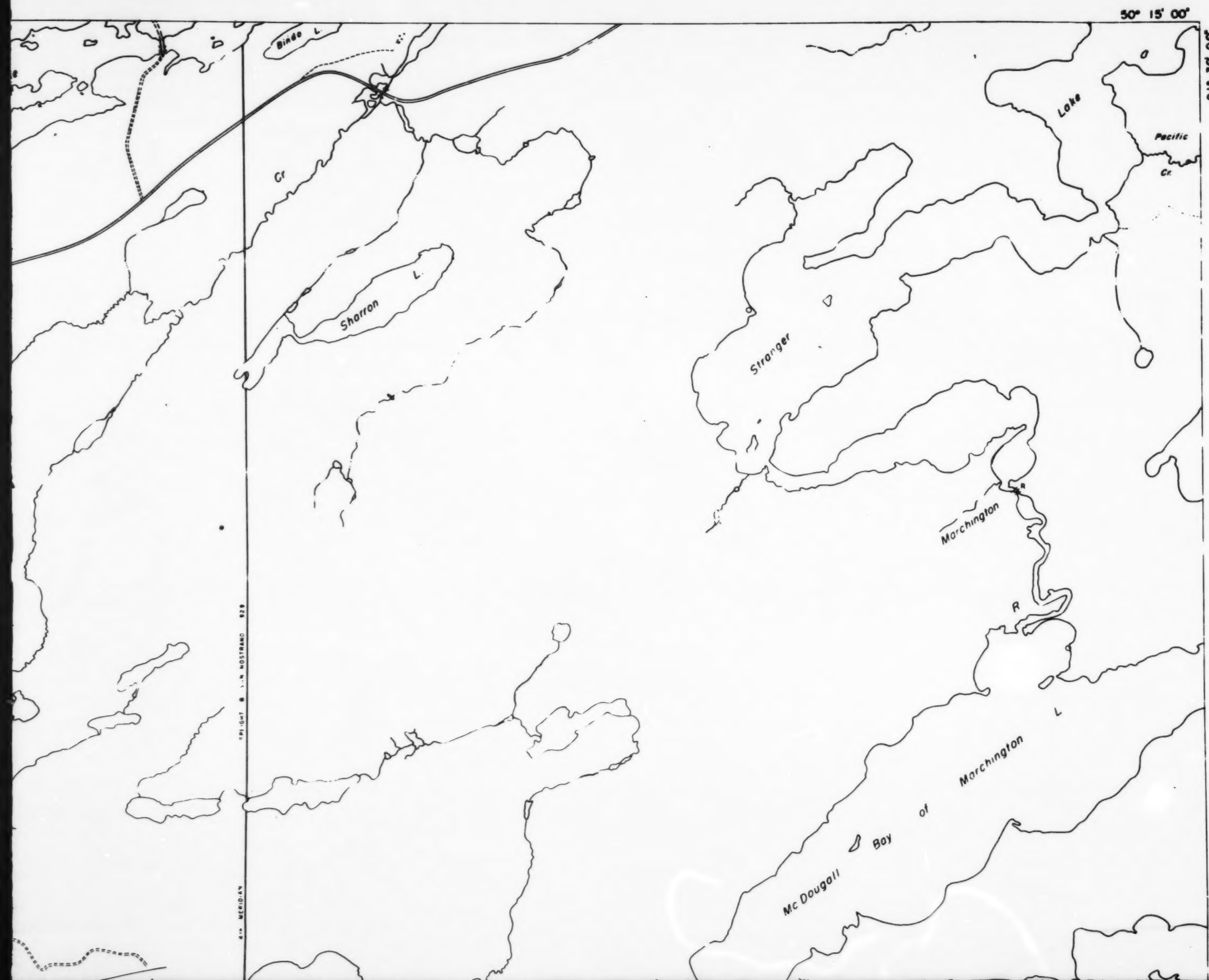
SHARRON



GEOLOGICAL

TYPES OF DATA SHOWN ON THE

MINERAL



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ONTARIO GEOLOGICAL SURVEY

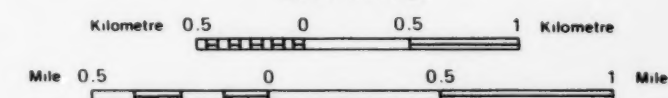
EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 481

(Map 3 of 3)

SHARRON LAKE AREA

Scale 1:31 680



GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP



MINERAL OCCURRENCES

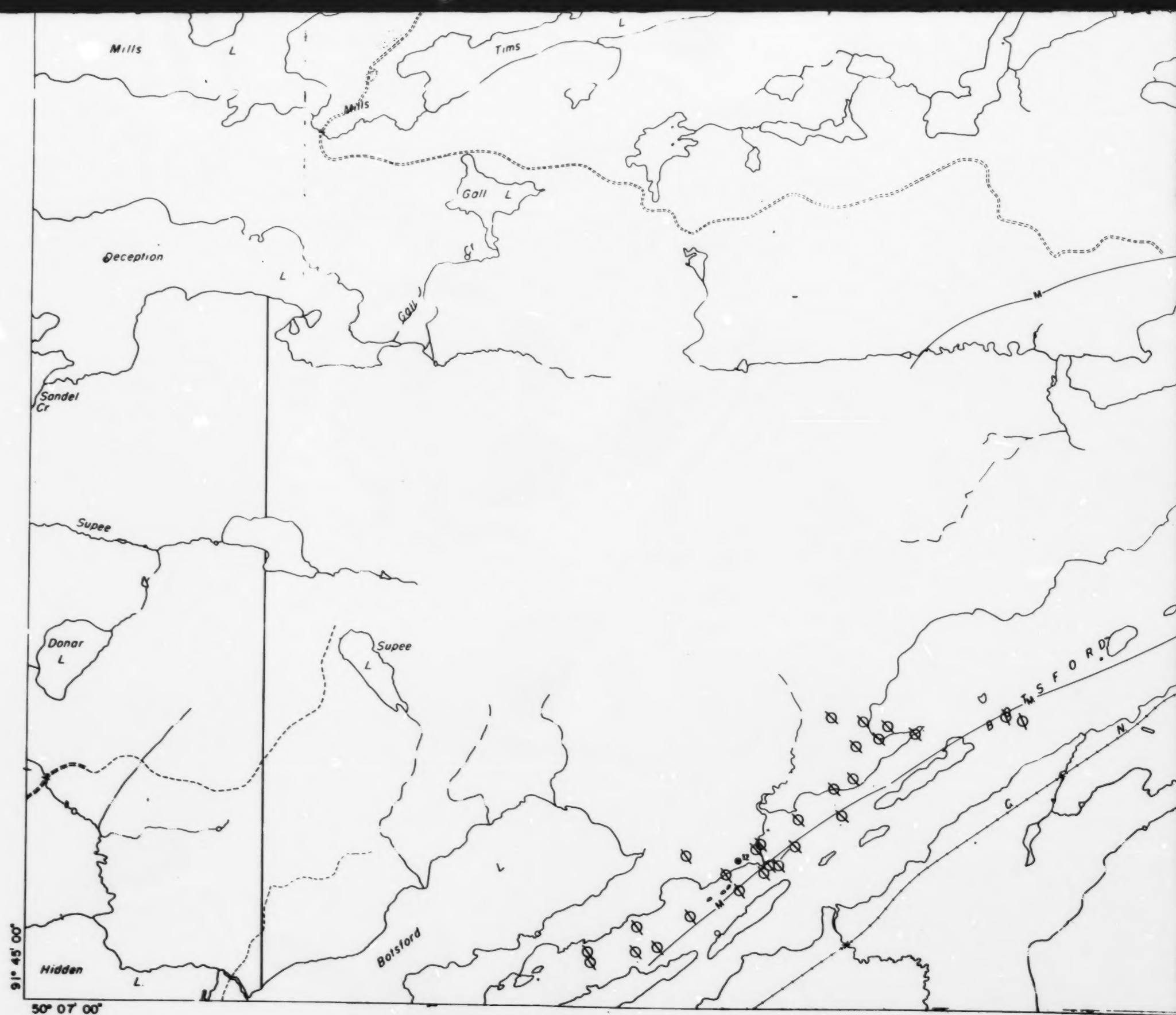


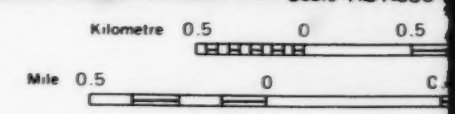
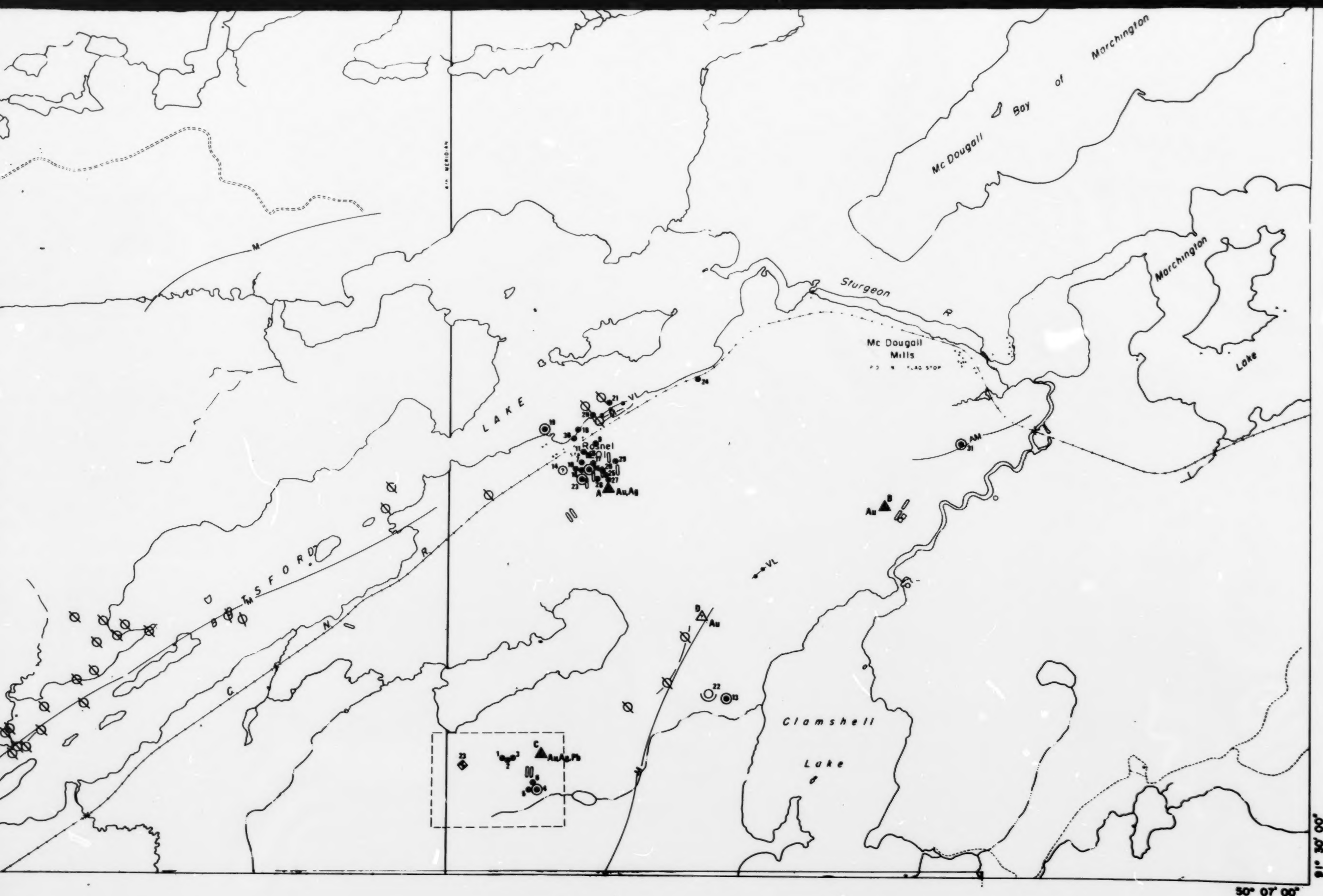
- ☒  Location of anomaly along flight line
- ☐  Airborne electromagnetic anomaly
Conductor axis: definite, probable, possible
- ☐  Airborne radiometric anomaly
- ☒  Ground magnetic anomaly
- ☒  Ground electromagnetic anomaly
(VL - Vertical loop; HL - Horizontal loop
VLF - Very low freq.; Turam; JEM -
Crone Em - 16)
- ☐  Ground radiometric anomaly
- ☐  Induced polarization anomaly
- ☐  Self potential anomaly
- ☐  Audio-frequency magnetic anomaly
(total intensity)
- ☐  Resistivity anomaly
- ☐  Gravity anomaly

MISCELLANEOUS DATA

- | | | | |
|--|----------------|--|------------------------|
| ☒  | Trenching, pit | ☐  | Rock quarry |
| ☐  | Adit | ☐  | Sand and/or gravel pit |
| ☐  | Open pit | ☐  | |

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.





GEOLOGICAL AND

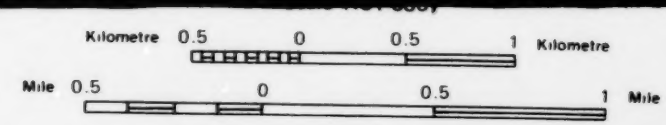
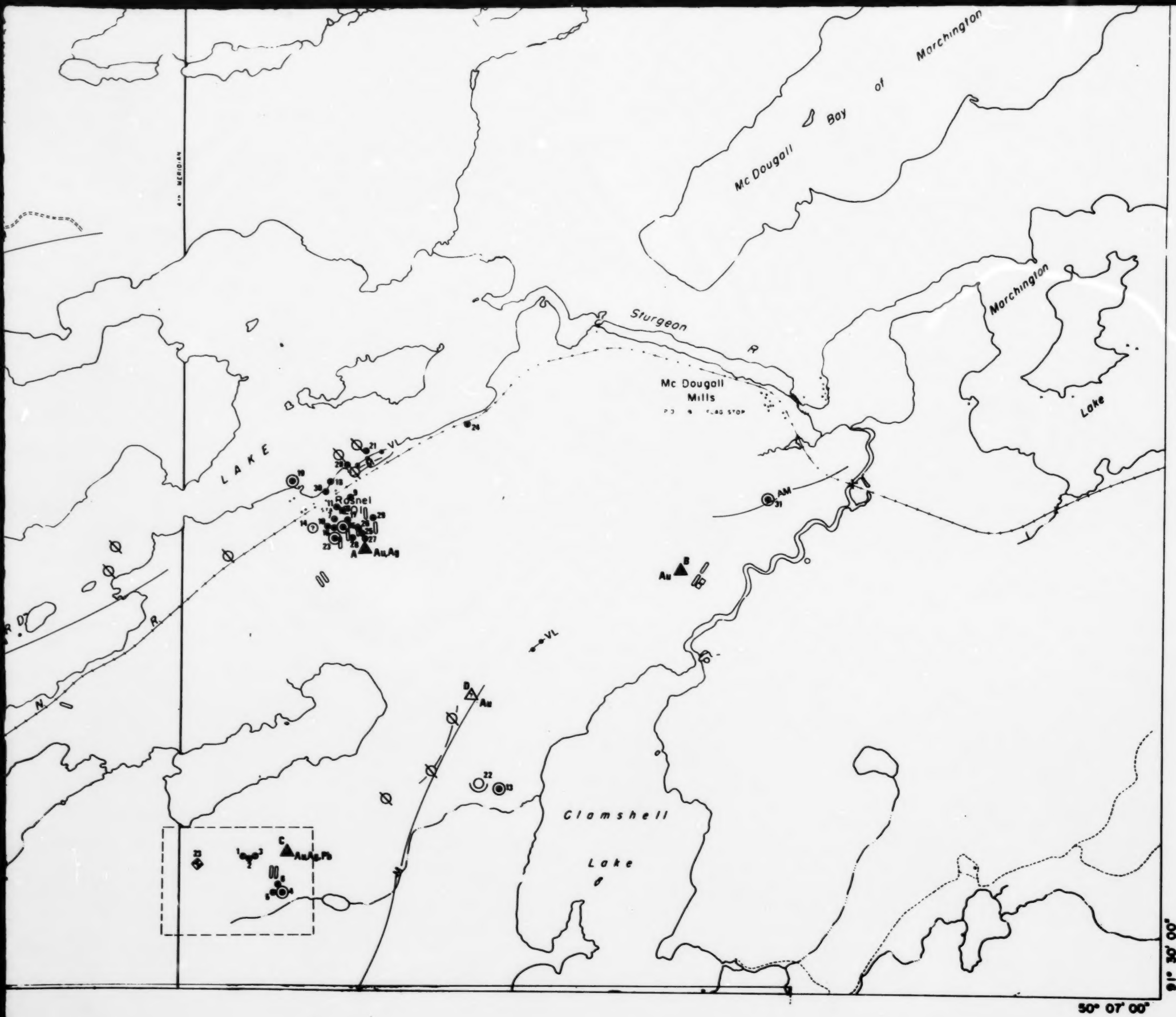
TYPES OF DATA SHOWN ON THIS MAP

MINERAL OC

- Mineral occurrence at su
- Mineral occurrence with reference letter
- Mineral occurrence repo with reference letter
- Mineralized float with re
- Mineral occurrence in dr and drillhole number

DRILLH

- Location of single drillho
- Location of closely spac reference number
- Drillhole, exact location
- Property with undergrou with reference number
- Property with drillholes with reference number
- Reverse circulation drillh number



GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized float with reference letter
- Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- Property with drillholes which have not been plotted on map, with reference number
- Reverse circulation drillhole; churn drilling, with reference number